



*NiteRider*



**LUMINA**™ 2500  
MAX

USER GUIDE

## VerifiR Integrated NFC Technology

The Lumina™ Max is equipped with integrated NFC Technology.



**Tap your mobile device on the VerifiR Logo located on the top of the light to launch the NiteRider® VerifiR experience.**

Within the NiteRider® VerifiR experience you can quickly and easily:

- Learn how to unlock/lock your light
- Register your product
- Access How to / User Guides
- Report your light lost or stolen

## Industry Canada Compliance

**Lumina™ Max** - (P/N 24632), IC: 26701-24632

This device complies with Industry Canada licence-exempt RSS standard.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## IC Radiation Exposure Statement

This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux CNR-102 d'Industrie Canada. Cet équipement doit être installé et utilisé avec une distance minimale de 20 centimètres entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec autre antenne ou émetteur. Les antennes utilisées pour cet émetteur doivent être installés et fournir une distance de séparation d'au moins 20 centimètre de toute personne et doit pas être co-située ni fonctionner en conjonction avec une autre antenne ou émetteur.

## Federal Communication Commission Compliance

**Lumina™ Max** - FCC ID: 2AXZQ-24632

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## FCC CAUTION:

TO ASSURE CONTINUED COMPLIANCE, ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT. (EXAMPLE - USE ONLY SHIELDED INTERFACE CABLES WHEN CONNECTING TO COMPUTER OR PERIPHERAL DEVICES).

## FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## LUMINA™ MAX 2500 USER GUIDE - ENGLISH

### UNLOCK BEFORE USE. LOCK THE HEADLAMP BEFORE TRANSIT OR STORAGE

It is important to lock the headlamp and protect the switch from being pressed while it is in transit. The headlamp can be easily turned on if placed in something like a backpack, duffel bag or suitcase. The headlamp gets hot while in operation. To prevent potential damage from high heat or even fire, it is very important to put the headlamp in lock mode and protect the switch from being pressed. NiteRider® will not be held responsible for damages to person or property resulting from a failure to follow the 'lock' mode instructions.

#### ⚠ WARNING ⚠

A bicycle without correct lights and reflectors might be difficult for other people to see, and you might not be able to see. If you can not see, or other people can not see you, you could have an accident. Make sure your lights operate correctly and that batteries are charged.

#### ⚠ WARNING !!HOT SURFACES!! ⚠

**DO NOT USE THE LUMINA™ MAX AS A HAND HELD LIGHTING DEVICE WHEN IN HIGH AND BOOST MODES!**

### PARTS LIST AND IDENTIFICATION

Please verify the contents of your Lumina™ Boost lighting system:

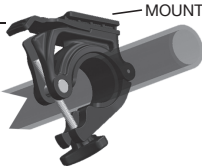
- A. Lumina™ Max Front Light
- B. Handlebar Clamp Mount
- C. USB-C Charging Cable
- D. AC Charging Adapter

### MOUNTING THE HANDLEBAR CLAMP MOUNT AND HEAD LIGHT

The Handlebar Clamp Mount (HCM) is designed to fit on virtually any handlebar (25.4mm - 35mm diameter handlebars).

1. Turn the knob counter-clockwise, allowing the hinge to swing open.
2. Place the HCM on the handlebar on the left side of the stem, orienting the mounting rails with release tab towards rear.
3. Swing the hinge down to make contact with the handlebar.
4. Swing the bolt up, seating the knob into its recess.
5. Turn the knob clockwise to tighten and secure the mount to the handlebar.

RELEASE TAB ——— MOUNTING RAILS



### MOUNTING THE HEAD LIGHT ONTO THE HANDLEBAR CLAMP MOUNT

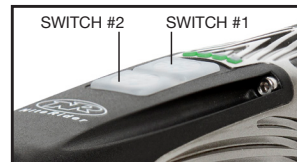
With the light facing forward, align bottom mounting rails of light to top of rails of HCM. Pull light back along the rails until tabs engage and lock into place. Test for a secure fitment by pushing light forward, ensuring there is no movement and that tabs have engaged into the light base. Do not push the release tab when testing for a secure fitment.

To remove the head light, press the release tab down and slide the head light forward.

**Note:** After mounting the headlamp, adjust it so the beam illuminates your path without distracting oncoming riders.

### OPERATION






**Note:** The unit can operate in Walk and Low Mode while charging.



1. For the initial power ON, the light will need to be unlocked. Press and hold any single button for 8-10 seconds to unlock.
2. A single press of power button switch #1 button will power ON in High Mode. To power ON in Low Mode, press power button switch #2.
3. To increase power, press power button switch #1. To decrease power, press power button switch #2. Steady light mode settings are in the following order WALK, LOW, MEDIUM, HIGH, AND BOOST.
  - A. Walk Mode is indicated by a slow pulse yellow LED in the LED switch.
  - B. Low Mode is indicated by a steady yellow LED light in the LED switch.
  - C. Medium Mode is indicated by a steady green LED light in the LED switch.
  - D. High Mode is indicated by a steady blue LED light in the LED switch.
  - E. Boost Mode is indicated by a steady red and blue LED light in the LED switch.
4. To access flash modes, press and hold any power button switch for 3 seconds until the light begins to flash.
  - A. Cycle through 3 flash modes by pressing power button switch #1 or #2.
  - B. Flash mode is indicated by a blue LED light in the LED power button switch that mimics the selected flash pattern.
  - C. To return to steady light modes, press and hold any power button switch for 3 seconds until steady ON light appears.

- To power off the light, press and hold any power button switch until light turns off.
- To lock / unlock light, press and hold power button for 8-10 seconds.

## RUN TIMES

8 MODES	WALK	LOW	MED	HIGH	BOOST	FAST	PULSE	SUPER
	150 lumens	550 lumens	1100 lumens	2200 lumens	2500 lumens			
	22:20h	7:00h	2:30h	1:00h	40 min	8:00h	8:00h	9:30h

## 8-STEP FUEL GAUGE

The 8-step, LED Fuel Gauge is located on top of the headlamp in front of the power button. When all four LED's are lit solid green, the battery is fully charged. As the battery discharges 1/8 increments of capacity, the LED's from right to left, successively go from solid green to blinking green, to out. With only the final 1/8 capacity remaining one LED blinks red. At this time, the headlamp should be turned off and the battery recharged.

## BATTERY CHARGING AND CARE

- Plug the USB Charging Cable into the USB port located on the bottom of the light. Then plug the other end into a powered-on computer or directly to a wall outlet using an AC adapter (not included).
- The 8-step fuel gauge will indicate the progress of the charging, starting at whatever state the battery is at when it is plugged into the charger. When the battery is fully charged, all 4 green LEDs of the fuel gauge will light-up steady ON, until the charging adapter is removed.
- Unplug the AC Adapter from the light by grasping the connectors rather than the cable.
- It is good practice to store your light away with a full charge. For extended periods, charge the light every three months to maximize its lifespan.

## PAIRING WITH OTHER NITELINK™ DEVICES

To pair with any NiteRider® NiteLink™ BLE Short Range Wireless device press and hold BOTH power buttons switch #1 and switch #2 for 2 seconds and the BLE Short Range Wireless device will begin scanning for 120 seconds for other NiteRider® NiteLink™ BLE Short Range Wireless devices that are in pairing mode. When the device is in pairing mode and scanning, the Blue LED indicator will flash On 3 seconds, repeating for 120 seconds or until the device connects with another device. When the device connects with another device then the Blue LED will turn On Steady for 120 seconds, or until the device is turned ON if the device is turned ON before 120 seconds.

## CHARGE TIMES

6:00 hours at 500mA  
 3:00 hours at greater than 500mA  
 \*Charge times may vary.



## OPTIMAL VIZ WITH NITERIDER®

While a NiteRider® lighting system will improve your view and visibility, control and enjoyment of riding, please remember that cycling can be an inherently dangerous activity. In addition to using your lighting system properly and riding with extreme caution, NiteRider® urges you to:

- Obey your local traffic laws
- Always let someone know where you are going
- Wear a helmet, highly visible and reflective clothing
- Carry an auxiliary light and emergency supplies
- Make sure the headlamp and mounting bracket are securely fastened
- Always set your light to lock mode during transport or storage

## PROTECTING YOUR INVESTMENT

Properly charge your battery to maximize its lifespan(see the “Battery Charging and Care” section for detailed information). The Lumina™ Max will perform in wet weather conditions, but submerging it in water will damage the system. To prevent water damage, ensure USB port cover remains tightly sealed while operating your light.

## SUPPORT

If you experience difficulties during product installation or operation, NiteRider® provides free telephone support on weekdays from 8:00 am to 4:30 pm (Pacific Time) at 800.466.8366, Ext 4. You may also e-mail us at support@niterider.com.

## WARRANTY

NiteRider® stands behind its products with the following warranties:

- Lifetime warranty: Covers any defects in material and workmanship, mechanical components (housings, covers, mounts and fasteners) and LEDs
- 2-year warranty: Printed circuit boards, switches, and AC adapters
- 1-year Warranty: Rechargeable battery cells

To obtain warranty service have your original sales receipt. Contact the NiteRider® Customer Service Department at 800.466.8366, Ext. 4 to obtain a Return Merchandise Authorization (RMA) number. The RMA number must be prominently displayed on the outside of your package. The product must be properly packaged to prevent damage in transit.

For International customers, please contact your local NiteRider® Distributor. Go to: [niterider.com/pages/international-distributors](http://niterider.com/pages/international-distributors)

For complete warranty information, please visit our website at [www.NiteRider.com](http://www.NiteRider.com)



***YOUR SAFETY IS OUR PRODUCT***

***www.NITERIDER.com***